

which also eliminate the hassle of wiring installation, this product is not dependent on sunlight to recharge batteries, which is a severe limitation for solar technology and it is also less costly because there are no solar panels, nor rechargeable batteries.

IN THE CLAIMS:

Please amend claims 1, 27 and 33 as follows:

1.(Amended) A marker luminaire comprising:

a housing having an exterior and an interior;

a light emitting diode located in the interior of the housing;

a light scattering element optically coupled with the light emitting diode and having a visible surface open on the exterior of the housing for transmitting light over a broad angle viewing area; and

a low level energization circuit operably connected to the light emitting diode for causing the light emitting diode to illuminate the visible surface of the light scattering element at a level below a useful threshold of human photopic vision and above a threshold of scotopic vision.

27.(Amended) A lamp comprising:

a housing;

a battery located in the housing;

a light emitting diode in the housing, the light emitting diode being of a type exhibiting high efficiency in light generation across a substantial drive current operating range and with increasing intensity as drive current increases, including light emission levels above a threshold of darkness adapted human vision and below a threshold of useful photopic vision;

a light scattering element optically coupled to the light emitting diode for transmitting and scattering light from the light emitting diode outside the housing; and

diode drive circuitry connected to the battery to draw power therefrom and further connected to the light emitting diode to deliver drive currents to the light emitting diode sufficient to illuminate the light scattering element above the threshold of darkness adapted human vision but below the threshold of useful photopic vision.

33.(Amended) A luminaire comprising:

a housing;

a light scattering illumination source capable of producing light visible to a partially darkness adapted human eye in response to a minimal current, the light scattering illumination source being mounted with respect to the housing to mark the location of the housing, when illuminated, over a wide viewing angle; and

an electrical energization circuit supplying the minimal current to the light scattering illumination source.